	Application No.	Applicant(s)	Applicant(s)	
Notice of Allowability	10/049,356	YAMAMOTO ET A	YAMAMOTO ET AL	
	Examin r	Art Unit	16.	
	Brian K Talbot	1762		
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT F of the Office or upon petition by the applicant. See 37 CFR 1.31	S (OR REMAINS) CLOSED (i) or other appropriate comm RIGHTS. This application is	in this application. If not inclu nunication will be mailed in du	ded e course. THIS	
 This communication is responsive to 12/8/03. The allowed claim(s) is/are 1,2,5-9 and 12-14. The drawings filed on 06 February 2002 are accepted by Acknowledgment is made of a claim for foreign priority to a) All b) Some* c) None of the: 		or (f).		
 Certified copies of the priority documents have 				
Certified copies of the priority documents have	e been received in Applicati	on No		
Copies of the certified copies of the priority description	ocuments have been receive	ed in this national stage applic	ation from the	
International Bureau (PCT Rule 17.2(a)).				
* Certified copies not received:				
 Acknowledgment is made of a claim for domestic priority reference was included in the first sentence of the specific 	cation or in an Application D	ata Sheet. 37 CFR 1.78.	ce a specific	
(a) The translation of the foreign language provisional				
 Acknowledgment is made of a claim for domestic priority in the first sentence of the specification or in an Application 			nce was included	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of				
7. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which gives			NOTICE OF	
8. CORRECTED DRAWINGS (as "replacement sheets") mu	ust be submitted.	i e		
(a) ☐ including changes required by the Notice of Draftspe		ew (PTO-948) attached	•	
1) hereto or 2) to Paper No	competion filed whi	ah haa haan annuuyad hyytha	Eversinen	
(b) ☐ including changes required by the proposed drawing				
(c) ☐ including changes required by the attached Examine	rs Amenament / Comment of	or in the Office action of Pape	r No	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			he back) of	
9. DEPOSIT OF and/or INFORMATION about the dep attached Examiner's comment regarding REQUIREMENT FOR			. Note the	
Attachm nt(s)				
1☐ Notice of References Cited (PTO-892)	5□ Notice of In	formal Patent Application (PT	O-152)	
2☐ Notice of Draftperson's Patent Drawing Review (PTO-948)		6☐ Interview Summary (PTO-413), Paper No		
3☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0		7 Evaminaria Amandment/Comment		

Brian K Talbot. Primary Examiner Art Unit: 1762

7 Examiner's Amendment/Comment

8⊠ Examiner's Statement of Reasons for Allowance

Paper No. _

of Biological Material

4 Examiner's Comment Regarding Requirement for Deposit

9 Other

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1. The amendment filed 10/8/03 has been considered and entered. Claims 3,4,10 and 11 have been canceled. Claims 1,2,5-9 and 12-14 remain in the application.

2. In light of the amendment filed 10/8/03, the 35 USC 112 and 103 rejections have been withdrawn.

Allowable Subject Matter

3. Claims 1,2,5-9 and 12-14 are allowed.

Reasons for Allowance

4. The following is an examiner's statement of reasons for allowance:

The prior art while teaching forming and filling dummy via holes in an aluminum nitride substrate fails to teach or fairly suggest a firing shrinkage factor or volume percentages as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian K Talbot whose telephone number is (571) 272-1428. The examiner can normally be reached on Monday-Friday 6AM-3PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive P Beck can be reached on (571) 272-1415. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-1428.

Brian K Talbot Primary Examiner Art Unit 1762

BKT